

Message Text

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ACTION ACDA-10

INFO OCT-01 EUR-12 IO-13 ISO-00 PM-04 SS-15 CIAE-00 INR-07
L-03 NSAE-00 NSC-05 EB-08 NRC-07 OES-06 DODE-00
ERDA-07 FEA-01 /099 W
-----080417Z 089912 /66

P R 071530Z FEB 77
FM AMEMBASSY STOCKHOLM
TO SECSTATE WASHDC PRIORITY 9737
INFO USMISSION BRUSSELS
USMISSION IAEA VIENNA

UNCLAS STOCKHOLM 562

DEPARTMENT FOR ACDA/NTB/ID: LINDA GALLINI
DEPARTMENT FOR INFO: NRC, JOSEPH LA FLEUR

E.O. 11652: N/A
TAGS: PARM, TECH, ENRG, SW
SUBJECT: REGULATIONS GOVERNING HIGH-LEVEL RADIOACTIVE WASTE DIS-
POSAL

REF: (A) STATE 24952, (B) STOCKHOLM A-1

1. THE OPERATION OF SWEDISH NUCLEAR POWER PLANTS HAS BEEN REGU-
LATED BY THE SWEDISH ATOMIC ENERGY LAW (1956:306) . NUCLEAR POWER
PLANT OPERATORS RECEIVED A GOVERNMENT PERMIT ACCORDING TO SECTION 2
OF THAT LAW AND EACH REACTOR OWNER MADE HIS OWN ARRANGEMENTS FOR
REPROCESSING AND STORAGE OF NUCLEAR REACTOR FUEL AND HIGHLY
ACTIVE WASTES.

2. THE NEW COALITION GOVERNMENT OF SWEDEN HAS SUBMITTED A BILL
(PROPOSITION 1976/77:53) TO THE PARLIAMENT TO REQUIRE THE POWER
UTILITIES OPERATING NUCLEAR POWER PLANTS TO PRODUCE, FOR THE GOVER-
NMENT, (A) A CONTRACT WHICH ADEQUATELY MEETS THE REQUIREMENTS FOR
REPROCESSING SPENT NUCLEAR FUEL AND (B) SHOW HOW AND WHERE
ENTIRELY SAFE FINAL STORAGE OF HIGHLY RADIOACTIVE REPROCESSED
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WASTE CAN TAKE PLACE OR WHERE AND HOW SAFE FINAL DEPOSITION
OF SPENT (NOT REPROCESSED) FUEL CAN BE DONE. SEE REPAIR FOR REVIEW
AND COMMENT ON THIS PROPOSED NEW LAW.

3. THE GOVERNMENT BILL (1976/77:54), NOW BEFORE THE PARLIAMENT,
IS EXPECTED TO BECOME LAW WITHIN THE NEXT FEW WEEKS. AN IN-
FORMAL TRANSLATION OF THE BILL IS QUOTED AS FOLLOWS:

"A LAW ON A SPECIAL PERMIT FOR THE CORE LOADING OF NUCLEAR REACTORS ..."

"SECTION 1. THIS LAW PERTAINS TO INSTALLATIONS FOR THE PRODUCTION OF NUCLEAR ENERGY (NUCLEAR REACTORS), FOR WHICH, BEFORE THE ENTRANCE INTO EFFECT OF THIS LAW, HAVE BEEN GRANTED A PERMIT ACCORDING TO SECTION 2 OF THE ATOMIC ENERGY LAW (1956:306), AND WHICH HAVE NOT BEEN CORE LOADED PRIOR TO OCTOBER 8, 1976. BY CORE LOADING OF A NUCLEAR REACTOR, IT IS UNDERSTOOD IN THIS LAW, THAT THE REACTOR, FOR THE FIRST TIME, IS CORE LOADED SO THAT A SELF-SUSTAINING NUCLEAR REACTION CAN OCCUR."

"SECTION 2. IF AN APPLICATION HAS NOT BEEN PRESENTED FOR FINAL APPROVAL FOR THE OPERATION OF A NUCLEAR REACTOR BEFORE OCTOBER 8, 1976, TO THE NATIONAL NUCLEAR POWER INSPECTORATE, THE REACTOR MAY NOT BE CORE LOADED WITHOUT SPECIAL PERMISSION OF THE GOVERNMENT."

"A PERMIT MAY BE GRANTED ONLY IF THE OWNERS OF THE REACTOR: (1) HAVE PRESENTED A CONTRACT, WHICH, IN A SATISFACTORY WAY, MEETS THE REQUIREMENT ON REPROCESSING SPENT NUCLEAR FUEL AND, BESIDES, HAVE SHOWN HOW AND WHERE AN ENTIRELY SAFE FINAL STORAGE OF THE HIGHLY ACTIVE WASTE OBTAINED UPON REPROCESSING CAN TAKE PLACE, OR (2) HAVE SHOWN HOW AND WHERE AN ENTIRELY SAFE FINAL STORAGE OF USED, BUT NOT REPROCESSED, NUCLEAR FUEL CAN TAKE PLACE."

"SECTION 3. IF AN APPLICATION HAS BEEN PRESENTED FOR FINAL APPROVAL FOR THE OPERATION OF A NUCLEAR REACTOR TO THE NATIONAL NUCLEAR POWER INSPECTORATE BEFORE OCTOBER 8, 1976, THE REACTOR MAY NOT, AFTER THE EXPIRATION OF 1977 OR A DAY AFTER THE EXPIRATION OF SEPTEMBER 1977, AS THE GOVERNMENT (MAY) DETERMINE, BE CORE LOADED, OR IF THAT HAS HAPPENED, BE OPERATED WITHOUT A SPECIAL UNCLASSIFIED

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PERMIT OF THE GOVERNMENT."

"A PERMIT MAY BE GRANTED IF THE OWNERS OF A REACTOR, PRIOR TO THE EXPIRATION OF SEPTEMBER 1977, (1) HAVE PRESENTED A CONTRACT, WHICH IN A SATISFACTORY WAY, MEETS THE REQUIREMENT FOR REPROCESSING SPENT FUEL, OR (2) HAVE SHOWN THAT THE HANDLING OF SPENT, BUT NOT REPROCESSED NUCLEAR FUEL, CAN TAKE PLACE IN AN ENTIRELY SAFE WAY."

"IF A PERMIT IS NOT GRANTED IN ACCORDANCE WITH WHAT HAS BEEN SAID, A PERMIT MAY BE GRANTED ONLY IF THE OWNERS OF THE REACTOR FULFILL WHAT HAS BEEN PRESCRIBED IN SECTION 2 TO OBTAIN THE PERMIT REFERRED TO (ABOVE)."

"SECTION 4. IF A PERMIT IS REFUSED, ACCORDING TO SECTIONS 2 OR 3, OR IF THIS LAW OTHERWISE LEADS TO THE FACT THAT A PERMIT, ACCORDING TO SECTION 2 OF THE ATOMIC ENERGY LAW (1956:386), CANNOT BE USED, THE OWNERS OF THE NUCLEAR REACTOR ARE ENTITLED TO COMPENSATION BY THE GOVERNMENT FOR LOSS AS A CONSEQUENCE OF MEASURES TAKEN BEFORE THIS LAW ENTERS INTO EFFECT, BY REASON OF PERMIT (ISSUED) ACCORDING TO THE ATOMIC ENERGY LAW."

"IF THE OWNERS OF THE REACTOR NEGLECT TO TAKE REASONABLE MEASURES IN ORDER TO LIMIT LOSSES, COMPENSATION IS REDUCED CORRESPONDINBLY."

"SECTION 5. THE ONE WHO INTENTIONALLY, OR BY CARELESSNESS, VIOLATES SECTION 2 PARAGRAPH ONE OR SECTION 3 PARAGRAPH 1, IS TO BE FINED OR IMPRISONED UP TO A MXIMUM OF TWO YEARS."

4. AFTER THE LAW IS PUBLISHED IN THE SWEDISH CODE OF STATITES (EXPECTED IN THE NEXT FEW WEEKS) IT ENTERS INTO FORCE TWO WEEKS AFTER THE DATE OF PUBLICATIONZM EMBASSY WILL FORWARD A COPY OF THE LAW TO ACDA AS SOON AS AVILABLE.
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Message Attributes

Automatic Decaptioning: X
Capture Date: 01-Jan-1994 12:00:00 am
Channel Indicators: n/a
Current Classification: UNCLASSIFIED
Concepts: POLICIES, NUCLEAR POWER PLANTS, RADIOACTIVE WASTES DISPOSAL, GOVERNMENT MINISTRIES
Control Number: n/a
Copy: SINGLE
Sent Date: 07-Feb-1977 12:00:00 am
Decaption Date: 01-Jan-1960 12:00:00 am
Decaption Note:
Disposition Action: n/a
Disposition Approved on Date:
Disposition Case Number: n/a
Disposition Comment:
Disposition Date: 01-Jan-1960 12:00:00 am
Disposition Event:
Disposition History: n/a
Disposition Reason:
Disposition Remarks:
Document Number: 1977STOCKH00562
Document Source: CORE
Document Unique ID: 00
Drafter: n/a
Enclosure: n/a
Executive Order: N/A
Errors: N/A
Expiration:
Film Number: D770044-0113
Format: TEL
From: STOCKHOLM
Handling Restrictions: n/a
Image Path:
ISecure: 1
Legacy Key: link1977/newtext/t19770265/aaaacfqv.tel
Line Count: 129
Litigation Code IDs:
Litigation Codes:
Litigation History:
Locator: TEXT ON-LINE, ON MICROFILM
Message ID: 70714cca-c288-dd11-92da-001cc4696bcc
Office: ACTION ACDA
Original Classification: UNCLASSIFIED
Original Handling Restrictions: n/a
Original Previous Classification: n/a
Original Previous Handling Restrictions: n/a
Page Count: 3
Previous Channel Indicators: n/a
Previous Classification: n/a
Previous Handling Restrictions: n/a
Reference: 77 STATE 24952, 77 STOCKHOLM A-1
Retention: 0
Review Action: RELEASED, APPROVED
Review Content Flags:
Review Date: 18-Oct-2004 12:00:00 am
Review Event:
Review Exemptions: n/a
Review Media Identifier:
Review Release Date: n/a
Review Release Event: n/a
Review Transfer Date:
Review Withdrawn Fields: n/a
SAS ID: 3387407
Secure: OPEN
Status: NATIVE
Subject: REGULATIONS GOVERNING HIGH-LEVEL RADIOACTIVE WASTE DIS- POSAL
TAGS: PARM, TECH, ENRG, SW
To: STATE
Type: TE
vdkgvwkey: odb://SAS/SAS.dbo.SAS_Docs/70714cca-c288-dd11-92da-001cc4696bcc
Review Markings:
Margaret P. Grafeld
Declassified/Released
US Department of State
EO Systematic Review
22 May 2009
Markings: Margaret P. Grafeld Declassified/Released US Department of State EO Systematic Review 22 May 2009